

Product datasheet

Anti-DBF4 antibody [EPR5635] ab124707

リコンビナント RabMAb®

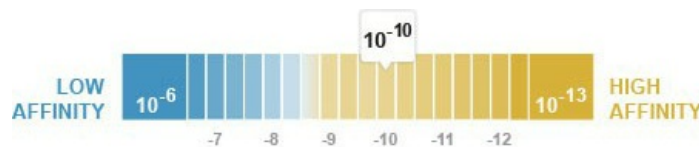
★★★★☆ 3 Abreviews 1 References 画像数 2

製品の概要

製品名	Anti-DBF4 antibody [EPR5635]
製品の詳細	Rabbit monoclonal [EPR5635] to DBF4
アプリケーション	適用あり: WB 適用なし: Flow Cyt, ICC/IF, IHC-P or IP
種交差性	交差種: Human
免疫原	Synthetic peptide corresponding to residues in Human DBF4 protein (Q9UBU7).
ポジティブ・コントロール	PC-3, Jurkat, SW480, and HepG2 cell lysates.
特記事項	This product is a recombinant rabbit monoclonal antibody. Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information. Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb® patents

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
解離定数 (K _D 値)	K _D = 2.49 x 10 ⁻¹⁰ M



[Learn more about K_D](#)

バッファー	PBS 49%, Sodium azide 0.01%, Glycerol 50%, BSA 0.05%
精製度	Tissue culture supernatant
ポリ/モノ	モノクローナル
クローン名	EPR5635
アイソタイプ	IgG

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab124707** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
WB	★★★★★	1/10000 - 1/50000. Predicted molecular weight: 77 kDa.

追加情報

Is unsuitable for Flow Cyt, ICC/IF, IHC-P or IP.

ターゲット情報

機能

Regulatory subunit for CDC7 which activates its kinase activity thereby playing a central role in DNA replication and cell proliferation. Required for progression of S phase. The complex CDC7-DBF4A selectively phosphorylates MCM2 subunit at 'Ser-40' and 'Ser-53' and then is involved in regulating the initiation of DNA replication during cell cycle.

組織特異性

Highly expressed in testis and thymus. Expressed also in most cancer cells lines.

配列類似性

Contains 2 BRCT domains.
Contains 1 DBF4-type zinc finger.

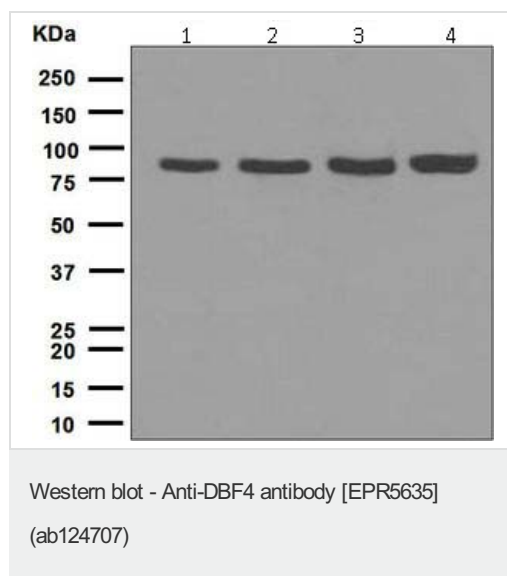
翻訳後修飾

Phosphorylated upon DNA damage, probably by ATM or ATR.

細胞内局在

Nucleus.

画像



All lanes : Anti-DBF4 antibody [EPR5635] (ab124707) at 1/10000 dilution

Lane 1 : PC-3 cell lysates

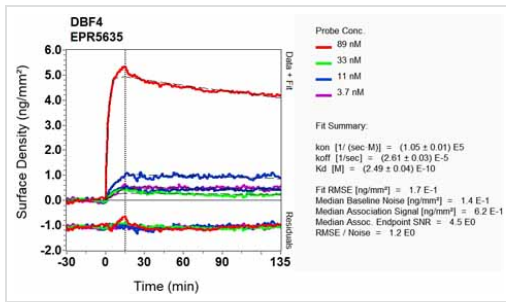
Lane 2 : Jurkat cell lysates

Lane 3 : SW480 cell lysates

Lane 4 : HepG2 cell lysates

Lysates/proteins at 10 µg per lane.

Predicted band size : 77 kDa



Other-Anti-DBF4 antibody [EPR5635](ab124707)

Equilibrium disassociation constant (K_D)

Learn more about K_D

[Click here to learn more about \$K_D\$](#)

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <http://www.abcam.co.jp/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors